

STATE OF ILLINOIS
ILLINOIS COMMERCE COMMISSION

Form 3
ORIGINAL
RECEIVED
OCT 27 2004

Petition for permission to make a major change in crossing protection, or to install new protection under 92 Illinois Administrative Code 1535.400 (d).

Illinois Commerce Commission
RAIL SAFETY SECTION

Date: October 18, 2004

X-12279
705-0010

To the ILLINOIS COMMERCE COMMISSION:

The petitioner Norfolk Southern Railway Company shows

- (1) That it is a railroad company operating a line of railroad in the State of Illinois.
- (2) That petitioner proposes and hereby makes an application for authority to make a major change in crossing protection or to install new protection under 92 Illinois Administrative Code 1535.400(d) adopted by this Commission.
- (3) That the location of the crossing, nature of protection now established and proposed protection to be established, and other pertinent facts in connection therewith, are set forth in the statement attached to and forming part of this petition.
- (4) That petitioner's reasons and purpose, with reference to its said proposal are to:

Modification of Flashing Light Crossing Signals with Gates and 12" lenses. Front and back

Light assemblies on both signal masts at: TR-538 in Golden Gate, Wayne County, Illinois,

MP. 122.84 W, DOT: 724 711V

File No. 061-04.543

Project No. 04.0608

- (5) That the facts set forth in this petition and in the statement and plans or plats attached thereto, are, all of them, true and correct to the best of petitioner's knowledge and belief.

WHEREFORE, the petitioner prays that the Commission will, if deemed desirable by the Commission, set the aforesaid matter for a hearing, and that the Commission enter an order or adopt at resolution consenting to and granting authority for the making of the said proposed changes in or additions to the crossing protection.

Norfolk Southern Railway Company

By

R. H. Ray
R. H. Ray, Administrator
Highway Grade Crossings

Thomas W. Ambler

(Attorney for Petitioner)

Norfolk Southern Corporation
Three Commercial Place
Norfolk, VA 23510-2191

(Attorney's Address)

DOCKETED

Statement, attached to and part of an application for permission to make a major change in crossing protection or to install new protection, under 92 Illinois Administrative Code 1535.400(d).

1. Name of Railroad Company: Norfolk Southern Railway Company
2. Crossing Number: 724 711V
3. Village or City: Golden Gate
4. Name of Street or Highway: TR-538
5. Public Agency Maintaining Highway: Township
6. Protection now established:
- Reflectorized Cross Buck and Bell.
-
-
-
7. Protection desired:
- Automatic Flashing Light Warning Devices with Gates and Bell. Train Detection Equipment
- controlled by Constant Warning Time Circuitry.
-
-
8. Number of main tracks One Other tracks None
9. Number of passenger movements:
- 6 a.m. to 6 p.m. None 6 p.m. to 6 a.m. None
10. Number of freight train movements:
- 6 a.m. to 6 p.m. 10 6 p.m. to 6 a.m. 11
11. Approximate number of switch movements:
- 6 a.m. to 6 p.m. None 6 p.m. to 6 a.m. None
12. Maximum speed of trains at crossing on each track in each direction:
- North/East 50 M.P.H.
- South/West 50 M.P.H.
13. Passenger platforms served by tracks within the limits of track circuits, if any None

14. Where automatic signals or gates are proposed, approximate number of train or engine movements daily which would cause false indications or operation:

None

15. Nature and approximate amount of street or highway traffic over crossing:

75 A.A.D.T.

16. In addition to the information listed hereinbefore in Form 3, attach a track plan or plat of the proposed crossing. This plan should show:

- (a) Width and surface of highway.
- (b) Highway intersections (including private driveways to be so indicated) and location of established highway signs or signals within 100 feet of crossing.
- (c) Location of tracks, switches and other railroad facilities such as block signals, etc. within limits of track circuits, present and/or proposed.
- (d) Where automatic protection is proposed, show proposed location of signals (side lights, cantilevers, etc., if any).
- (e) Show the length of each operating track section within the control limits of the crossing protection and its function.

ADDITIONAL INFORMATION

Drawing attached for question no. 16

(File Original and Two Duplicates)

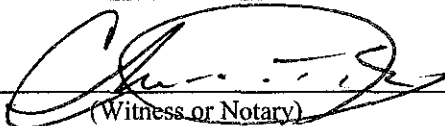
VERIFICATION

I, R. H. Ray, first being duly sworn upon oath depose and say that I am
Administrator -- Highway Grade Crossings, of Norfolk Southern Railway Company, a
Virginia corporation; that I have read the above and foregoing petition by me subscribed and know the
contents thereof; that said contents are true in substance and in fact, except as to those matters stated upon
information and belief, and as to those, I believe same to be true.



Administrator - Highway Grade Crossings

Subscribed and sworn to before me this 18 th.
day of October, 20 04.



(Witness or Notary)

Notary Public - Georgia

My Commission Expires: _____

TO LOUISVILLE

TO EAST ST. LOUIS

M.P. 123

2575'
CR 2400E
APPROACH (TO
EDGE OF ROAD)
2525'
TO NEAREST
GCP WIRES

2575'
CR 2400E
APPROACH (TO
EDGE OF ROAD)
2525'
TO NEAREST
GCP WIRES

FLGS

300002 GCP

FLGS

525 HZ
15.2 KHZ
CR 2400E
AAR #724 T11V

888'

222'

000

(A)

R

000

(B)


000

(A)

(A) - MF-NBS 62775-3497 (525HZ)

(B) - MF-NBS 62775-1543 (285HZ)

PROFILE

DESIGNED BY:	TAH 09-15-04		NORFOLK SOUTHERN		
DRAWN BY:	OFFICE OF ASST. VICE PRESIDENT COMM. & SIGNAL, ATLANTA, GA.			M.P.:	122.84W
RSD 09-15-04					
CHECKED BY:	SAH 09-15-04			GOLDEN GATE, IL GATES/FLS AT CR2400E	
IN SERVICE:	FILE R- PROFILE 7C	CADD or DWG. No.	CS0846P-02	SHEET No.	2 of 19

PROPERTY
NORFOLK SOUTHERN RAILWAY CO.

REVISION
INITIALS

Detailed Estimate for Grade Crossing Warning Devices

City/State: GOLDEN GATE, IL	Road: TR-538
MilePost: 122.84-W	DOT/AAR: 724711V
State Proj. No.:	County: WAYNE
S&E Proj. No.: 04.0608	AFE: F02477
Man Days: 104	File Number: 061-04.543

*****Purchases - Other*****

Meals and Lodging:	\$9,060.00	
Rental of Equipment:	\$19,800.00	
(2 Trucks, 1 Backhoe w/ Trailer and 1 Pipe-Pusher for 26 Days)		
Construction Supervision Vehicle:	\$370.00	
Contingencies:	\$560.00	
Purchases - Other Total:		\$29,790.00

***** Material and Additives*****

Material Cost:	\$63,390.00	
Sales and Use Tax:	\$3,170.00	
Material Handling _Freight:	\$3,170.00	
Material Total:		\$69,730.00

*****Labor and Additives*****

Labor Cost:	\$23,300.00	
(4 man crew at \$896.00 a day for: 26 days)		
Payroll Tax & Overheads:	\$20,170.00	
Preliminary Engineering:	\$7,630.00	
Construction Supervision:	\$6,580.00	
Labor Total:		\$57,680.00
Subtotal:		\$157,200.00
Credit:		\$0.00
(Salvage/Scrap)		
Project Total:		\$157,200.00

Estimated on: 05-Oct-04

Estimated by: enjab

Estimate valid for 1 year from date of estimate

Highway Crossing Signalization Program - Material List

Do not substitute items without permission from S & E Engineering

City:	GOLDEN GATE
Road:	TR-538
Milepost:	122.84-W
Drawing Number:	CS0846P
State Project Number:	
County:	WAYNE
A A R Number:	724711V
Project Number:	04.0608
File Number:	061-04.543
A F E Number:	F02477
Store Number:	
Supervisor:	J.E. BROWNE
Tax Code:	1200
<p>Vendor to supply the following copies after pricing:</p> <p>1 Set - Material Management with original invoice</p> <p>2 Sets - with plans shipped in car with material</p> <p>1 Set - S&E Gen. Supt. Construction w/ copy of invoice</p>	

05-Oct-04

Location: GOLDEN GATE IL			S&E Proj. No.: 04.0608		AFE No.: F02477		Drawing No.: CS0846P		Vendor : Railroad Signal Design			
Store No.:			P.O. Number		Date Required:		Date Shipped:					
Qty.	Class-Item-CD	UI	Price per Item	Total Price	Item Description	Quantity Shipped	Date Quan.	Date Quan.	Quantity Returned (Credit)	Special Instructions		
3	670-360693-4	EA	\$5.04	\$15.12	AAR/DOT NUMBER PLATE/DECAL, ORDER 3 PER PROJECT. 60 DAY LEAD TIME. SUPPLIED BY S'TRAN.							
1	165-006505-4	EA	\$1,051.54	\$1,051.54	AC SERVICE, COMPLETE LESS METER BASE, ASSEMBLED ON 30' POLE							
2	670-001321-4	EA	\$289.81	\$579.62	ARM, GATE FIBERGLASS-ALUMINUM 17-24 FT., L&W OR US&S OR SAFETRAN 076600-240017 OR							
13	105-871901-4	EA	\$161.57	\$2,100.41	BATTERY,GNB 265AH MODEL 50A11 SINGLE CELL 2.25 VOLTS							
1	670-503047-4	EA	\$185.13	\$185.13	BELL, CROSSING ELECTRONIC GENERAL SIGNAL, EB-3-360-5 CR 02-044350							
2	670-980689-4	EA	\$71.71	\$143.42	BRACKET HIGH WIND, (RIGID 3'), WIG- 191036, WALRUS TUSK TYPE							
2	670-561375-4	EA	\$1,197.90	\$2,395.80	BRACKET, GATE SAVER, NEG385102GS, SPRING LOADED SWING AWAY ADAPTER FOR FIBERGLASS/ALUMINUM GATES, USE WITH GATE 28' AND LESS							
2	670-000977-4	EA	\$63.27	\$126.54	BRACKET, HIGH WIND SUPPORT HARMON @54-00139, SERRMI @50044 SAFETRAN 076203-518X							
300	465-292862-4	LF	\$1.04	\$312.00	CABLE, U-2-6 TWISTED, S-23 OKONITE 113-12-3933 SOLID TINNED CONDUCTOR							
300	465-292929-4	LF	\$3.05	\$915.00	CABLE, U.G. 5 COND. NO. 6 AWG SOLID COPPER CABLE TO MEET NS CORP. SPEC. FOR SIGNAL							
300	465-939422-4	LF	\$2.55	\$765.00	CABLE, UG 12 CONDUCTOR NO 14 AWG SOLID EACH CONDUCTOR WITH 5/64 IN INSULATION 10 MIL							
300	465-791835-4	FT	\$2.22	\$666.00	CABLE, UG AC ENTRANCE 3C#6-7X OKONITE FMFP-L 094-078 TR W/G 1 X 8 7X W010 BRZ TAPE 600V PRODUCT CODE 206-11-6070							
80	165-544477-4	FT	\$2.55	\$204.00	CONDUIT, 4"x10" PVC, SCHEDULE 80 BELL CONNECTOR AT ONE END, 1/2 PT. GLUE IN KIT 670-123298-4							
2	670-090450-4	EA	\$50.38	\$100.76	CONNECTOR,WELDED FAR RAIL HARMON A1000-2W							

Exh B, p4

APPROVED BY STATE	APPROVED BY RAILROAD	CAR NUMBER	SEAL NUMBER
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Location: GOLDEN GATE IL			S&E Proj. No.: 04.0608		AFE No.: F02477		Drawing No.: CS0846P		Page 2/4	
Store No.:			P.O. Number		Date Required:		Date Shipped:		Vendor : Railroad Signal Design	
Qty.	Class-Item-CD	UI	Price per Item	Total Price	Item Description	Quantity Shipped	Quantity Installed Date Quan.	Quantity Returned (Credit) Date Quan.	Special Instructions	
2	670-486646-4	EA	\$41.62	\$83.24	CONNECTOR,WELDED NEAR RAIL HARMON A1000-1W					
2	670-793404-4	EA	\$838.37	\$1,676.74	COUNTERWEIGHT PKAGE, 17-24"GATE STRAN S- MECH ONLY, STAINLESS, TO INCLUDE HUB, SUPPORT ARMS					
4	670-760012-4	EA	\$40.02	\$160.08	COVER, FOR 1 WAY FLASHING LIGHT ASSY. 18 OZ. BLACK VINYL COATED NYLON. ==== TO COVER 2 LAMPS====					
1	670-986650-4	EA	\$375.69	\$375.69	DISPOSAL, CONSTRUCTION DEBRIS AND CLEANING X'ING EQUIPMENT CONTAINER					
1	670-000004-4	EA	\$281.44	\$281.44	FCC LICENSE FOR MONITOR/RADIO					
2	670-000003-4	EA	\$255.85	\$511.70	FILLSTONE #57, QUANTITY IS BASED ON TRUCK LOAD PLUS DELIVERY COST					
2	670-015231-4	EA	\$423.50	\$847.00	FOUNDATION,DIXIE,S-2 GATE 56" ASSEMBLED					
1	670-477991-4	EA	\$317.90	\$317.90	KIT, GROUNDING ASSY FOR AL I/S INCLUDES 8 GRD RDS,200'4WIRE,12 4 WIRE ONE-SHOTS. ERICO SBK206					
1	670-123298-4	EA	\$256.93	\$256.93	KIT, HARDWARE SUPPLIES REQUIRED X'ING P'CKAGES. WEB CONNECTORS FOR SHUNT(8EA) TAPE, AMPS,P'GUM PAINT,SLEEVES,TAGS,GLUE, 100 EA WHITE TAGS, JNE CAN BLUE MARKING PAINT ETC...					
2	670-764166-4	EA	\$907.65	\$1,815.30	LAMP ASSY, 5" MAST MTG. 2W IND. 20" BKGRD, FLX-12 W/BULB S'TRAN #042003-487XNS					
6	165-643547-4	EA	\$4.30	\$25.80	LAMP, 18 WATT 10 VOLT S-11 SC BAY 18S11/1SC CLEAR RWY SIGNAL UJ-71463 GE					
4	255-590880-4	EA	\$16.12	\$64.48	LOCK, AMERICAN LOCK MODEL H-10KA KEYS ALIKE TO PRIVATE KEYWAY D456 AND STAMPED "NS SIG"					
2	670-637778-4	EA	\$1,031.41	\$2,062.82	MAST, 5" ALUMINUM 13'10" WITH DOUBLE JCT. BOX BASE. STRAN P# 070519-11AX.					
2	670-521147-4	EA	\$2,932.81	\$5,865.62	MECHANISM, GATE MODEL S40, WITH CONTACT HEATER, COMPLETE W/RELAY STRAN # 074000-W00090					

Exh B, p5

SEAL NUMBER

CAR NUMBER

APPROVED BY RAILROAD

APPROVED BY STATE

Location: GOLDEN GATE IL S&E Proj. No.: 04.0608

AFE No.: F02477

Drawing No.: CS0846P

Store No.:

P.O. Number

Vendor: Railroad Signal Design

Date Required:

Date Shipped:

Qty.	Class-Item-CD	UI	Price per Item	Total Price	Item Description	Quantity Shipped	Quantity Installed			Quantity Returned (Credit)	Special Instructions
							Date Quan.	Date Quan.	Date Quan.		
2	670-001347-4	EA	\$63.27	\$126.54	PACKAGE, HARDWARE SIGN 5 IN. MOUNTING, SERRMI A1250-5, HARMON @200965-000, OR						
1	255-646807-4	EA	\$10.38	\$10.38	PADLOCK, SAFETRAN PART NO. 030399-29X SCREW TYPE FOR CIR CONTROLLER AND BTY. BOX						
1	670-514605-4	EA	\$8.45	\$8.45	PINNACLE, W-C SECT 1-11, 4" & 5" REF K1 110-8 OR SAFETRAN NO. @035045-503X						
1	165-902002-4	EA	\$308.00	\$308.00	PROTECTOR, SURGE 120/240VAC, ERICO P/N EPD120/240TDFL						
4	465-002899-4	EA	\$22.06	\$88.24	REEL, CABLE DISPOSABLE FOR CROSSING SIGNAL PACKAGES						
2	435-805560-4	EA	\$6.25	\$12.50	SAND, 25LB BAG FOR CABLE ENTRANCE INTO THE SHELTER						
1	670-391911-4	EA	\$5,329.57	\$5,329.57	SEARII AUTOMATED INSPECTOR SYSTEM KIT, w/ 1- ILOD, 1-BSX, 2-GTS, 2- MTSS, 1-GFT, 1-VHFC, 2- RECORDER INTERFACE MODULE, 1- ECHELON CONNECTOR						
1	670-281280-4	EA	\$7,006.00	\$7,006.00	SHELTER BARE 6X6, ALUMN, FARADAY, W/CABLE CHUTES BEHIND TERMINAL BOARD, W/GEN. CONN. W/ADJUSTABLE PIERS, SAFETRAN P/N 058400-66-78A						
2	670-586967-4	EA	\$37.68	\$75.36	SHUNT COVER W/LAG SCREWS, 19"X19", SERRMI #40271, ORDER 1 PER SHUNT						
2	670-688850-4	EA	\$370.27	\$740.54	SHUNT, MULTI-FREQ. #62775-3497 SAFETRAN NARROW BAND						
2	670-393331-4	EA	\$37.43	\$74.86	SIGN CROSSING MALFUNCTION ASSEMBLY FOR 4" AND 5" MAST, SAFETRAN #T17215						
2	670-806648-4	EA	\$56.42	\$112.84	SIGN, X-BUCK, LESS HARDWARE, SAFETRAN 035200-X CR 02-490546						
1	670-330382-4	RL	\$11.50	\$11.50	TAPE, THOR 3" DURATEC, ORANGE 1000' LENGTHS. "WARNING STOP DIGGING"						

Exh B, P 6

APPROVED BY STATE

APPROVED BY RAILROAD

CAR NUMBER

SEAL NUMBER

Exh B, P 7

Location: GOLDEN GATE IL S&E Proj. No.: 04.0608 Drawing No.: CS0846P Vendor: Railroad Signal Design

AFE No.: F02477 Date Required: Date Shipped:

Store No.: P.O. Number

Qty.	Class-Item-CD	UI	Price per Item	Total Price	Item Description	Quantity Shipped			Quantity Installed		Quantity Returned (Credit)	Special Instructions
						Quantity	Date	Quan.	Date	Quan.		
1	670-258957-4	EA	\$25,580.50	\$25,580.50	WIRED RACK, 6X6 FARADAY, 20AMP SINGLE TRK SSCCIIIA, GCP3000D2, 2 CRAGG CHARGER, 2 RELAY RACKS, SAFTRAN P/N 20A 1TRK, USE WITH 1/S 670-281280-4 W/CABLE CHUTES BEHIND THE FARADAY SHIELD							

Total Material \$63,390.36

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APPROVED BY RAILROAD

CAR NUMBER

SEAL NUMBER